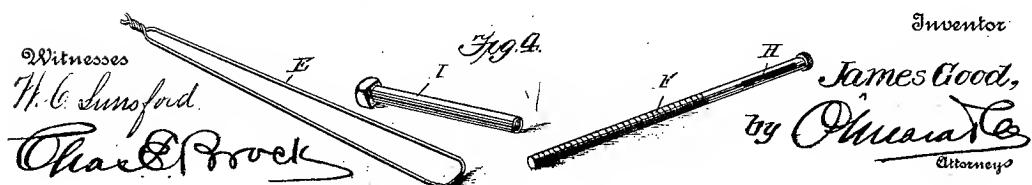
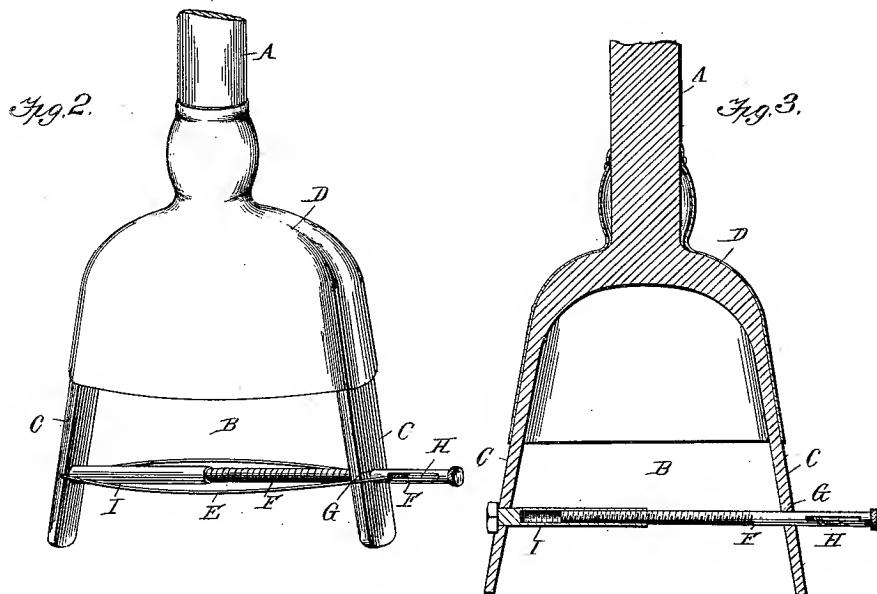
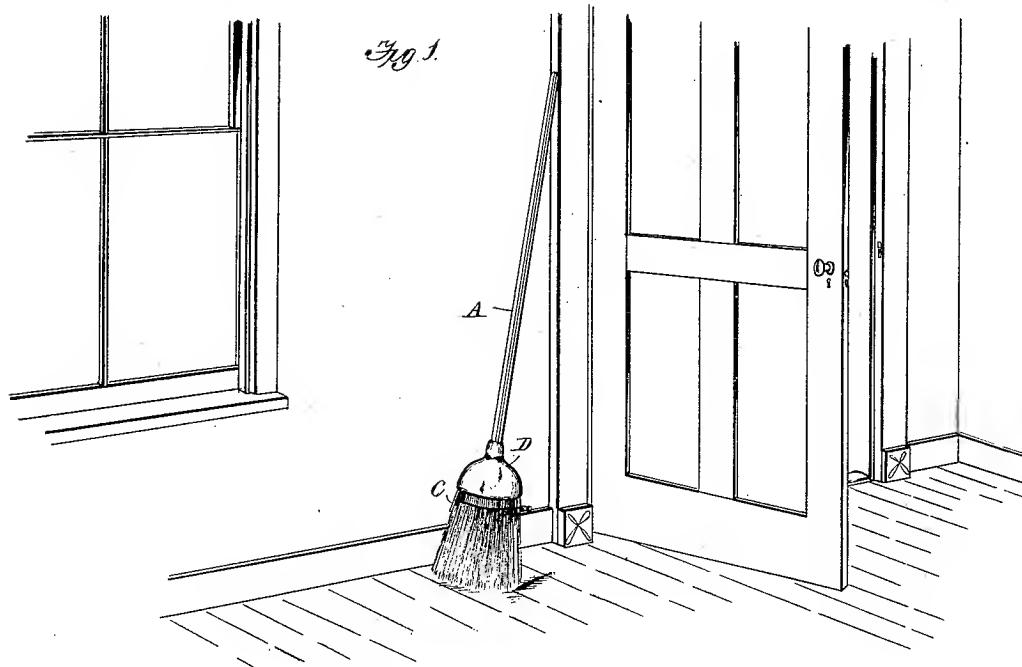


(No Model.)

J. GOOD.  
BROOM.

No. 600,124.

Patented Mar. 1, 1898.



# UNITED STATES PATENT OFFICE.

JAMES GOOD, OF ALUM WELLS, VIRGINIA.

## BROOM.

SPECIFICATION forming part of Letters Patent No. 600,124, dated March 1, 1898.

Application filed June 19, 1897. Serial No. 641,485. (No model.)

To all whom it may concern:

Be it known that I, JAMES GOOD, residing at Alum Wells, in the county of Washington and State of Virginia, have invented a new and useful Broom-Head, of which the following is a specification.

This invention has relation to certain improvements in broom-heads.

An object of the invention is to provide an improved broom or brush head that will be provided with suitable means whereby the straw or bristles will be securely held in the desired position to the body portion of the handle.

15 A further object of the invention is to provide a head having at its lower end and formed integral therewith a brush or straw receiver and also a cap to surround said receiver to prevent wear and breakage.

20 A further object of the invention is to provide a keeper for the reception of the straws or bristles, so as to guard against any possible side spreading thereof, and a further object of the invention is to provide a keeper 25 for the reception of the straws or bristles and also an adjusting means for said keeper whereby when the straws or bristles become loosened the keeper can be tightened, thereby forcing the straws or bristles closely together.

30 With these and other objects in view my invention consists in certain novel features of construction and in combinations and arrangements of parts that will be hereinafter more fully described, and then specifically 35 pointed out in the appended claims.

In order that my invention may be fully understood, I will proceed to describe the same with reference to the accompanying drawings, in which—

40 Figure 1 is a perspective view showing my invention in operative position. Fig. 2 is a perspective view of a portion of the head and handle, showing the straw-receiver and a cap surrounding the upper portion thereof.

45 Fig. 3 is a vertical sectional view; and Fig. 4 is a general view of the adjusting device, the several parts constituting the same being detached.

In the practical embodiment of my invention I have shown a broom provided with a handle A, which can be of any desirable length. Formed integral with and at the lower end

thereof is a fork-shaped portion B, the same being provided with the downwardly-extending legs C.

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D indicates a metallic cap adapted to surround the upper part of the forked portion B.

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E represents the keeper, composed, preferably, of wire, the same passing through the lower edges of one of the forked downwardly-extending legs, the free ends of said wire being bent around and across the edges of the opposite leg.

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F indicates a screw-threaded pin adapted to be freely turnable in an opening G of one of the legs, said pin being provided with the slot H to receive the free ends of the wire after the loop forming the keeper has been bent in the desired shape.

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I represents a hollow pin having a headed end, said pin being adapted to pass through the opening of one of the downwardly-extending legs, as clearly shown. This hollow pin, just described, is screw-threaded on its interior and is intended to receive the screw-threaded end of the pin F when it is desired to tighten the straws or bristles after they have become loose. This is accomplished by turning the pin F until the straws or bristles are securely locked tightly together within the open space of the downwardly-extending legs C, formed on the forked portion D. When it is desired to tighten the straws after they have become loose, the pin F is turned to the left, thereby permitting the screw-threaded end thereof to screw into the hollow portion of the pin I. As the pin F is screwed into the hollow pin I the free ends of the wire will become twisted and be locked within the slot or opening of the pin F.

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It should be noticed that the metallic cap completely surrounds or embraces the upper part or the forked portion, thereby lending additional strength thereto, so that there will be no liability of breakage. This cap also provides against any possible wear or tear at this point.

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While I have described my improved device as being used in connection with broom-heads, it will, however, be readily apparent that the same construction can be employed on brushes, sweepers, or the like where it is desired to keep the bristles, &c., in a tight position against loosening, and at the same

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time provide means that in case the bristles or straws should become loose they can be easily tightened and brought closely together by merely turning the screw-threaded 5 pin F, as already stated.

The invention is very simple in construction and composed of but a few parts, and one that can be sold at a small figure.

Various slight changes might be made in the 10 forms, constructions, and arrangements of the parts described without departing from the spirit and scope of my invention. Hence I do not care to limit myself to the exact constructions herein set forth, but consider myself 15 clearly entitled to any such changes as might fall within the spirit and scope thereof.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

20 1. A broom-handle having its lower end forked, the downwardly-extending legs

formed integral therewith, and the adjusting or tightening pins adapted to pass through the lower portions of said legs, and a keeper adapted to be tightened by said pin, substantially as shown and described. 25

2. The herein-described broom-handle having the forked portion formed on its lower end, the downwardly-extending legs therefrom, a cap to surround the upper part of the 30 forked portion, and the adjusting and tightening devices to closely hold and bind the straws or bristles within the open space of the legs, said adjusting and tightening devices consisting of the pins, one adapted to be 35 screwed into the other, said pins being adapted to carry and tighten the straw-keeper or loop, for the purpose described.

JAMES GOOD.

Witnesses:

R. W. HALLEY,  
H. S. OWENS.